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| LIST OF REFERENCES CITED BY APPLICANT<br>(Use several sheets if necessary) | ATTY DOCKET NO.<br>TUV-005.01   | APPLICATION NO<br>09/690,647 |
|  | APPLICANT<br>Greenberg, A.S.    |                              |
|  | FILING DATE<br>October 17, 2000 | GROUP<br>1635                |

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| U.S. PATENT DOCUMENTS |    |                 |          |              |       |          |                            |
|-----------------------|----|-----------------|----------|--------------|-------|----------|----------------------------|
| *EXAMINER INITIAL     |    | DOCUMENT NUMBER | DATE     | NAME         | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| KC                    | EG | 5,534,426       | 7/9/96   | Karin et al. |       |          |                            |
| KC                    | EH | 5,593,884       | 1/14/97  | Karin et al. |       |          |                            |
| KC                    | EI | 5,804,399       | 9/8/98   | Karin et al. |       |          |                            |
| KC                    | EJ | 5,837,244       | 11/17/98 | Karin et al. |       |          |                            |
| KC                    | EK | 5,994,513       | 11/30/99 | Karin et al. |       |          |                            |
| KC                    | EL | 6,001,584       | 12/14/99 | Karin et al. |       |          |                            |
| KC                    | EM | 6,193,965       | 2/27/01  | Karin et al. |       |          |                            |
| KC                    | EN | 6,342,595       | 1/29/02  | Karin et al. |       |          |                            |
| KC                    | EO | 6,514,745       | 2/4/03   | Karin et al. |       |          |                            |

| FOREIGN PATENT DOCUMENTS |  |                 |      |         |       |          |             |
|--------------------------|--|-----------------|------|---------|-------|----------|-------------|
|                          |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|                          |  |                 |      |         |       |          | YES NO      |
|                          |  |                 |      |         |       |          |             |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) |    |   |
|---|----|---|
| KC  | EP | Aguirre et al. The c-Jun NH(2)-terminal kinase promotes insulin resistance during association with insulin receptor substrate-1 and phosphorylation of Ser(307). J Biol Chem. 2000 Mar 24;275(12):9047-54               |
| KC  | EQ | del Aguila et al. TNF-alpha impairs insulin signaling and insulin stimulation of glucose uptake in C2C12 muscle cells. Am J Physiol. 1999 May;276(5 Pt 1):E849-55   |
| KC  | ER | Hotamisligil et al. Mechanisms of TNF-alpha-induced insulin resistance. Exp Clin Endocrinol Diabetes. 1999;107(2):119-25. Review  |
| KC  | ES | Le Marchand-Brustel, Y. Molecular mechanisms of insulin action in normal and insulin-resistant states. Exp Clin Endocrinol Diabetes. 1999;107(2):126-32. Review   |
| KC  | ET | Liu et al. Tumor necrosis factor-alpha acutely inhibits insulin signaling in human adipocytes: implication of the p80 tumor necrosis factor receptor. Diabetes. 1998 Apr;47(4):515-22                                   |
| KC  | EU | Shin et al. An inhibitor of c-jun aminoterminal kinase (SP600125) represses c-Jun activation, DNA-binding and PMA-inducible 92-kDa type IV collagenase expression. Biochim Biophys Acta. 2002 May 8;1589(3):311-6       |
| KC  | EV | Spiegelman et al. Regulation of adipocyte gene expression in differentiation and syndromes of obesity/diabetes. J Biol Chem. 1993 Apr 5;268(10):6823-6. Review  |
| KC  | EW | Valverde et al. Tumor necrosis factor-alpha causes insulin receptor substrate-2-mediated insulin resistance and inhibits insulin-induced adipogenesis in fetal brown adipocytes. Endocrinology. 1998 Mar;139(3):1229-38 |

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| EXAMINER <i>Chang</i> | DATE CONSIDERED 2/23/05 |
|-----------------------|-------------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| Form PTO-1549  | Docket Number (Optional)<br>TUV-005 01 | Application Number<br>09/690,647 |
| <b>INFORMATION DISCLOSURE CITATION</b><br>IN AN APPLICATION<br>(Use several sheets if necessary) |  |                                  |
| Applicant<br>Andrew S. Greenberg   |  | Group Art Unit<br>1635           |
| Filing Date<br>10.17.00  |  |                                  |

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| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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### FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----------------|------|---------|-------|----------|-------------|----|
|  |                 |      |         |       |          | YES         | NO |
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|  |                 |      |         |       |          |             |    |
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COPY OF PAPERS  
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### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

|    |    |  |
|----|----|--|
| KC | EA | Engelman et al. (2000). <i>Tumor Necrosis Factor <math>\alpha</math>-Mediated Insulin Resistance, but Not Dedifferentiation, is Abrogated by MEK1/2 Inhibitors in 3T3-L1 Adipocytes</i> , MOLECULAR ENDOCRINOLOGY 14(10):1557.   |
| KC | EB | Souza et al. (1998). <i>Overexpression of Perilipin A and B Blocks the Ability of Tumor Necrosis Factor <math>\alpha</math> to Increase Lipolysis in 3T3-L1 Adipocytes</i> , J. BIOL. CHEM. 273(38):24665.   |
| KC | EC | Edelstein Rosenbaum and Greenberg (1998). <i>The Short- and Long-Term Effects of Tumor Necrosis Factor-<math>\alpha</math> and BRL 49653 on Peroxisome Proliferator-Activated Receptor (PPAR) <math>\gamma</math>2 Gene Expression and Other Adipocyte Genes</i> , MOLECULAR ENDOCRINOLOGY 12(8):1150. |
| KC | ED | Greenberg et al. (1993). <i>Isolation of cDNAs for Perilipins A and B: Sequence and Expression of Lipid Droplet-Associated Proteins of Adipocytes</i> , PROC. NATL. ACAD. SCI. USA 90:12035.   |
| KC | EE | Egan et al. (1992). <i>Mechanism of Hormone-Stimulated Lipolysis in Adipocytes: Translocation of Hormone-Sensitive Lipase to the Lipid Storage Droplet</i> , PROC. NATL. ACAD. SCI. USA 89:8537.   |
| KC | EF | Camp et al. (1999). <i>c-Jun N-Terminal Kinase Phosphorylates Peroxisome Proliferator-Activated Receptor-<math>\gamma</math>1 and Negatively Regulates its Transcriptional Activity</i> , ENDOCRINOLOGY 140(1):392.  |
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Kberly Chang

Date considered: 2/23/05